

"System and Method for Metadirectory Differential Updates
Among Constituent Heterogeneous Data Sources"

ABSTRACT OF THE DISCLOSURE

[0085] A system and method which propagates change operations to data items

- 5 within a metadirectory on a differential basis in order to minimize or eliminate
redundant updates to attributes within data items that have not changed, as well as
conserve computing resources and transmission bandwidth consumed by update
activities in large organizations of data items. A best match entry in the metadirectory
is selected using a weighted score process, a determination is made as to exactly
10 which attributes are changed by the update operation, and a differential update is
propagated throughout the metadirectory via direct joiner access to the data items, or
through remote access such as through LDAP.